

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 - 14. (Canceled)

15. (Currently amended) A system for generating updating an extensible markup language (XML) test result file, comprising:

an application program that includes application testing instructions, the application testing instructions being capable of generating test result data;

5 an XML reporter object in communication with the application program, wherein the XML reporter object receives the test result data from the application program, and wherein the XML reporter object processes the test result data to generate an XML based string; and

an XML test results file in communication with accessible by the XML reporter object, wherein the XML reporter object inserts the XML based string into the XML test results file.

16. (Currently amended) ~~A system as recited in~~ The system of claim 15, wherein the XML test results file is a well formed and valid XML file based on a particular document type definition (DTD).

17. (Currently amended) ~~A system as recited in~~ The system of claim 15, wherein the XML reporter object further receives a key parameter related to the test result data from the application program.

18. (Currently amended) ~~A system as recited in~~ The system of claim 17, wherein the XML reporter object includes a test results hash table for storing key parameters related to the test results file.

19. (Currently amended) ~~A system as recited in~~ The system of claim 18, wherein the XML reporter object includes a file pointer tree having a plurality of nodes, each node referenced by a node pointer in the test results hash table.

20. (Currently amended) ~~A system as recited in~~ The system of claim 19, wherein each node stores a begin value and an end value related to a particular key, wherein the begin value indicates a file position after a corresponding beginning tag related to the particular key, and wherein the end value corresponds to a file position after a corresponding ending tag related to the particular key.

21. (New) The system of claim 15, wherein:

the test result data includes a key parameter and a value parameter, wherein the key parameter relates to a tag;

the XML based string includes a first beginning tag and a first ending tag based on the 5 key parameter, and wherein the first string includes the value parameter positioned between the first beginning tag and the first ending tag; and

the XML test results file has a second beginning tag and a second ending tag, the first string being inserted between the second beginning tag and a second ending tag.

22. (New) The system of claim 21, wherein the first beginning tag and the first ending tag are based on a document type definition (DTD).

23. (New) The system of 21, wherein the XML reporter object is configured to create a test results hash table that stores key parameters related to the test results file.

24. (New) The system of claim 23, wherein the XML reporter object is further configured to generate a file pointer tree having a plurality of nodes, each node referenced by a node pointer in the test results hash table.

25. (New) The system of claim 24, wherein each node stores a begin value and an end value related to a particular key.

26. (New) The system of claim 25, wherein the begin value indicates a file position after a corresponding beginning tag related to the particular key, and wherein the end value corresponds to a file position after a corresponding ending tag related to the particular key.

27. (New) The system of claim 25, wherein the begin value and the end value facilitate inserting the first string into the second string.

28. (New) The system of claim 21, wherein the XML test results file is a well formed and valid XML file based on a particular document type definition (DTD).

29. (New) The system of claim 21, wherein the XML reporter object further receives a key parameter related to the test result data from the application program.

30. (New) The system of claim 29, wherein the XML reporter object includes a test results hash table for storing key parameters related to the test results file.

31. (New) The system of claim 30, wherein the XML reporter object includes a file pointer tree having a plurality of nodes, each node referenced by a node pointer in the test results hash table.

32. (New) The system of claim 31, wherein each node stores a begin value and an end value related to a particular key, wherein the begin value indicates a file position after a corresponding beginning tag related to the particular key, and wherein the end value corresponds to a file position after a corresponding ending tag related to the particular key.